



08-03-06

CafC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Yuuta Nakaya  
U. S. Patent No. : 7,035,672  
Serial No. : 10/801,426  
Issued : 04/25/2006  
For : MIMO WIRELESS . . .

August 1, 2006

Director of the U.S. Patent and  
Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
AUG 08 2006  
**of Correction**

REQUEST FOR A CERTIFICATE OF CORRECTION

SIR:

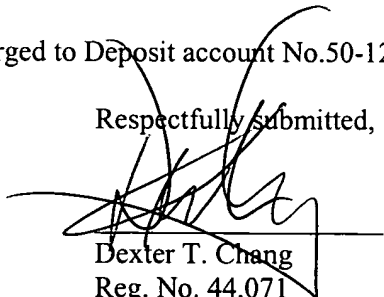
We request a Certificate of Correction to correct the **Foreign Application Priority Data**, which was omitted. Please add: **July 23, 2003 JP 2003-200446**.

Attached, please find a copy of our Declaration, Filing Receipt and Notice of Allowability wherein the Examiner acknowledged our claim for priority.

**This was due to an error made by the USPTO.**

Any fee due as a result of this paper, may be charged to Deposit account No.50-1290.

Respectfully submitted,

  
Dexter T. Chang  
Reg. No. 44,071

**Customer No.: 026304**  
KATTEN MUCHIN ROSENMAN LLP  
575 Madison Avenue, 15<sup>th</sup> Floor  
New York, NY 10022-2585  
(Tel) 212-940-8800  
Docket No.: FUJI 21.070 (100794-00579)

Filed by Express Mail  
(Receipt No. EV 7326835945)  
on 08/01/06  
pursuant to 37 C.F.R. 1.10.  
by [Signature]

AUG -9 2006

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(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,035,672

DATED : 04/25/2006

INVENTOR(S) : Yuuta Nakaya, et al

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

The following is added on the front page of the patent in the left column after "(22) Filed: Mar. 16, 2004"

--(30) Foreign Application Priority Data  
July 23, 2003 (JP) . . . . .2003-200446 --

MAILING ADDRESS OF SENDER:

Katten Muchin Zavis Rosenman

575 Madison Avenue

New York, New York 10022-2585

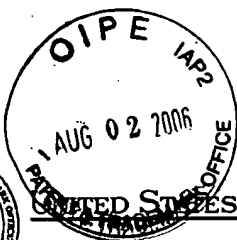
PATENT NO. 7,035,672

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Aug - 9 2006



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/801,426	03/16/2004	2681	770	FUJI 21.070	12	15	2

026304  
 KATTEN MUCHIN ZAVIS ROSENMAN  
 575 MADISON AVENUE  
 NEW YORK, NY 10022-2585

CONFIRMATION NO. 2048

## FILING RECEIPT



\*OC000000012837146\*

Date Mailed: 06/01/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Yuuta Nakaya, Kawasaki, JAPAN;  
 Takeshi Toda, Kawasaki, JAPAN;  
 Yasuyuki Oishi, Kawasaki, JAPAN;  
 Kaoru Yokoo, Kawasaki, JAPAN;

## Domestic Priority data as claimed by applicant

## Foreign Applications

JAPAN 2003-200446 07/23/2003

If Required, Foreign Filing License Granted: 06/01/2004

Projected Publication Date: 01/27/2005

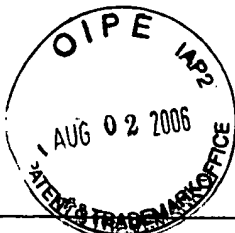
Non-Publication Request: No

Early Publication Request: No

## Title

Mimo wireless communication system and wireless communication apparatuses

AUG - 9 2004



## Declaration and Power of Attorney for Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

私は、以下に記名された発明者として、ここに下記の通り宣言する：

As a below named inventor, I hereby declare that

私の住所、郵便の宛先そして国籍は、私の氏名の後に記載された通りである。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明について、特許請求範囲に記載され、且つ特許が求められている発明主題に関して、私は、最初、最先且つ唯一の発明者である（唯一の氏名が記載されている場合）か、或いは最初、最先且つ共同発明者である（複数の氏名が記載されている場合）と信じている。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MIMO WIRELESS COMMUNICATION SYSTEM AND

WIRELESS COMMUNICATION APPARATUSES

上記発明の明細書はここに添付されているが、下記の欄がチェックされている場合は、この限りでない：

the specification of which is attached hereto unless the following box is checked:

☐ \_\_\_\_\_ の日に出願され、  
この出願の米国出願番号または PCT 国際出願番号は、  
\_\_\_\_\_ であり、且つ  
\_\_\_\_\_ の日に補正された出願（該当する場合）

☐ was filed on \_\_\_\_\_  
as United States Application Number or  
PCT International Application Number  
\_\_\_\_\_ and was amended on  
\_\_\_\_\_ (if applicable).

私は、上記の補正書によって補正された、特許請求範囲を含む上記明細書を検討し、且つ内容を理解していることをここに表明する。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第 37 編規則 1.56 に定義されている、特許性について重要な情報を開示する義務があることを認める。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

# Japanese Language Declaration

(日本語宣言書)

私は、ここに、以下に記載した外国での特許出願または発明者証の出願、或いは米国以外の少なくとも一国を指定している米国法典第35編第365条(a)によるPCT国際出願について、同第119条(a)-(d)項又は第365条(b)項に基づいて優先権を主張するとともに、優先権を主張する本出願の出願日より前の出願日を有する外国での特許出願または発明者証の出願、或いはPCT国際出願については、いかなる出願も、下記の枠内をチェックすることにより示した。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application for which priority is claimed.

Prior Foreign Application(s)

外国での先行出願

Priority Not Claimed

優先権主張なし

Pat. Appl. No.2003-200446

(Number)

(番号)

Japan

(Country)

(国名)

23/July/2003

(Day/Month/Year Filed)

(出願日/月/年)

☐

(Number)

(番号)

(Country)

(国名)

(Day/Month/Year Filed)

(出願日/月/年)

☐

私は、ここに、下記のいかなる米国仮特許出願についても、その米国法典第35編第119条(e)項の利益を主張する。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)

(出願番号)

(Filing Date)

(出願日)

(Application No.)

(出願番号)

(Filing Date)

(出願日)

私は、ここに、下記のいかなる米国出願についても、その米国法典第35編第120条に基づく利益を主張し、又米国を指定するいかなるPCT国際出願についても、その同第365条(c)に基づく利益を主張する。また、本出願の各特許請求の範囲の主題が、米国法典第35編第112条第1段に規定された態様で、先行する米国出願又はPCT国際出願に開示されていない場合においては、その先行出願の出願日と本国内出願日またはPCT国際出願日との間の期間中に入手された情報で、連邦規則法典第37編規則1.56に定義された特許性に関わる重要な情報について開示義務があることを承認する。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Application No.)

(出願番号)

(Filing Date)

(出願日)

(Status: Patented, Pending, Abandoned)

(現況 : 特許許可、係属中、放棄)

(Application No.)

(出願番号)

(Filing Date)

(出願日)

(Status: Patented, Pending, Abandoned)

(現況 : 特許許可、係属中、放棄)

私は、ここに表明された私自身の知識に係わる陳述が真実であり、且つ情報と信ずることに基づく陳述が、真実であると信じられることを宣言し、さらに、故意に虚偽の陳述などを行った場合は、米国法典第18編第1001条に基づき、罰金または拘禁、若しくはその両方により処罰され、またそのような故意による虚偽の陳述は、本出願またはそれに対して発行されるいかなる特許も、その有効性に問題が生ずることを理解した上で陳述が行われたことを、ここに宣言する。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ALLG - 2: (4/16)

**Japanese Language Declaration**  
(日本語宣言書)

委任状： 私は本出願を審査する手続を行い、且つ米国特許商標庁との全ての業務を遂行するために、記名された発明者として、下記の弁護士及び／または弁理士を任命する。(氏名及び登録番号を記載すること)

Aaron B. Karas, #18,923; Samson Helfgott, #23,072; Linda S. Chan, #42,400; Michael Markowitz, #30,659; Brian S. Myers, #46,947; Harris A. Wolin, #39,432; Shahan Islam, #32,507; Serie Mosoff #25,900; Emma Shleifer, #29,734; and Thomas J. Bean, #44,528.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

書類送付先

Send Correspondence to:  
Rosenman & Colin, LLP  
IP Department  
575 Madison Avenue  
New York, NY 10022-2858

直通電話連絡先: (氏名及び電話番号)

Direct Telephone Calls to: (name and telephone number)  
the responsible attorney, or  
to Samson Helfgott at (212) 940-8800

Docket:

唯一または第一発明者氏名		Full name of sole or first inventor Yuuta Nakaya	
発明者の署名	日付	Inventor's signature <i>Yuuta Nakaya</i>	Date Feb. 17, 2004
住所		Residence Kawasaki, Japan	
国籍		Citizenship Japan	
郵便の宛先		Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan	
第二共同発明者がいる場合、その氏名		Full name of second joint inventor, if any Takeshi Toda	
第二共同発明者の署名	日付	Second inventor's signature <i>T.T. Takeshi Toda</i>	Date Feb. 17, 2004
住所		Residence Kawasaki, Japan	
国籍		Citizenship Japan	
郵便の宛先		Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan	

(第三以下の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

AUG 19 2004

第三共同発明者がいる場合、その氏名		Full name of third joint inventor, if any Yasuyuki Oishi	
第三共同発明者の署名	日付	Third inventor's signature	Date
		<i>Yasuyuki Oishi</i>	Feb 17, 2004
住所	Residence Kawasaki, Japan		
国籍	Citizenship Japan		
郵便の宛先	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,		
	Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan		
第四共同発明者がいる場合、その氏名		Full name of fourth joint inventor, if any Kaoru Yokoo	
第四共同発明者の署名	日付	Fourth inventor's signature	Date
		<i>Kaoru Yokoo</i>	Feb 17, 2004
住所	Residence Kawasaki, Japan		
国籍	Citizenship Japan		
郵便の宛先	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,		
	Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan		
第五共同発明者がいる場合、その氏名		Full name of fifth joint inventor, if any	
第五共同発明者の署名	日付	Fifth inventor's signature	Date
住所	Residence		
国籍	Citizenship		
郵便の宛先	Post Office Address		
第六共同発明者がいる場合、その氏名		Full name of sixth joint inventor, if any	
第六共同発明者の署名	日付	Sixth inventor's signature	Date
住所	Residence		
国籍	Citizenship		
郵便の宛先	Post Office Address		

AUG 19 2004

**Notice of Allowability**



Application No.

10/801,426

Examiner

Jaime M. Holliday

Applicant(s)

NAKAYA ET AL.

Art Unit

2686

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed 3/16/04.
2. ☒ The allowed claim(s) is/are 1-15.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \*Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 3/16/2004
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

AUG 19 2006  
1





## UNITED STATES PATENT AND TRADEMARK OFFICE

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## Fax Cover Sheet

Date: 20 Dec 2005

To: James Dade	From: Jaime M. Holiday
Application/Control Number: 10/801,426	Art Unit: 2686
Fax No.: 212-940-8986	Phone No.: (571) 272-8618
Voice No.: 212-940-8800	Return Fax No.: (571) 273-8300
Re:	CC:
<input type="checkbox"/> Urgent <input type="checkbox"/> For Review <input type="checkbox"/> For Comment <input type="checkbox"/> For Reply <input type="checkbox"/> Per Your Request	

## Comments:

Notice Of Allowability form with correct boxes checked.

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Number of pages 2 including this page

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